

Project Code and Title

4313EB State Data Program

Project Objective

The objective of this research program is to provide the best quality state data for NHTSA use in analyses which examine the statistical relationships between vehicle design characteristics, crash involvement, and propensity.

Background

Since the early 1980's, the agency has been gathering electronic data recorded from the police accident report by various states. The National Center for Statistics and Analysis (NCSA) took responsibility for requesting, maintaining, and analyzing these data in 1986. The data received on computer tapes are converted to a SAS data file and made available to NCSA and analyst from the agency.

Problem Definition

The General Estimates System (GES) and the Fatal Accident Reporting System (FARS) limited size make it hard to identify rare events. But the State Data large file size can easily identify those rare events.

Research Approach

Annually, crash data from 17 states have been obtained, documented, and converted into SAS format from seventeen states: California, Florida, Georgia, Illinois, Indiana, Kansas, North Carolina, Maryland, Missouri, New Mexico, Ohio, Pennsylvania, Texas, Utah, Virginia, and Washington.

Potential Impact/Application

To provide state data with analytical support for the agency's programs.

Key Milestones

- ▶ Produce report summarizing the motor vehicle crash experience in each of the 17 states, 1996.

RESOURCE REQUIREMENTS	FY96	FY97	FY98	FY99	FY2000
Contract Money (\$K)	\$ 550	\$ 500	\$1,350	\$1,368	\$1,390

Project Manager(s)

Barbara Biggs-Rhea, (202) 366-2714

Completion Date

Ongoing

Publications

1. “Rail-Highway Crossing Safety, Fatal Crash and Demographic Descriptors”, (DOT HS 808 196), November 1994
2. “Estimating the Injury-Reducing Benefits of Ejection-Mitigating Glazing, (DOT HS 808 369), February 1996.

Keywords: state, PAR (Police Accident Report), crashes, motor vehicle(s), injuries (KABCO)

Project Tasks

<u>Task</u>	<u>Title and Description</u>
Tasks 1,2	State Data Programming Support: Convert accident data for states and update their coding manuals.
Task 3	State Data Technical Support for Data Analysis

Task	Start Date	Projected Completion Date	Status/Responsibility
1	03/96	08/96	Ongoing/Barbara Biggs-Rhea
2	09/96	02/97	Awarding/Barbara Biggs-Rhea
3	09/96	02/97	Awarding/Barbara Biggs-Rhea

Supporting Contracts

Task	Contract Number	COTR (phone)	Contracting Officer (phone)	Total Contract Cost (\$K)
1	DTNH22-91-D-07129	(202) 366-2714	(202) 366-9547	\$ 488
2,3	DTNH22-96-R-07030	(202) 366-2714	(202) 366-9557	\$ 517